Missouri Botanical Garden
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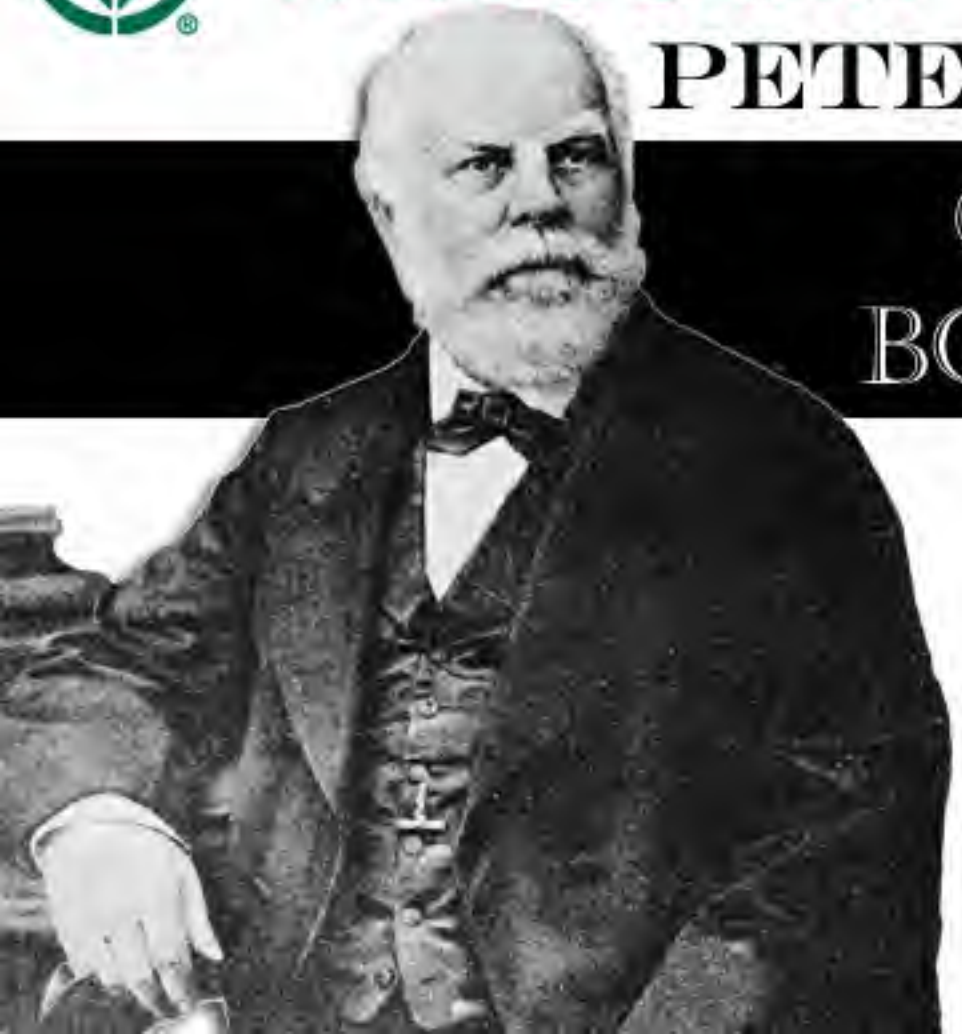

Pagination Note:
Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

20

G. magnifolia
polyneura
Gutierrez SE Peru 1846

May 14 1872

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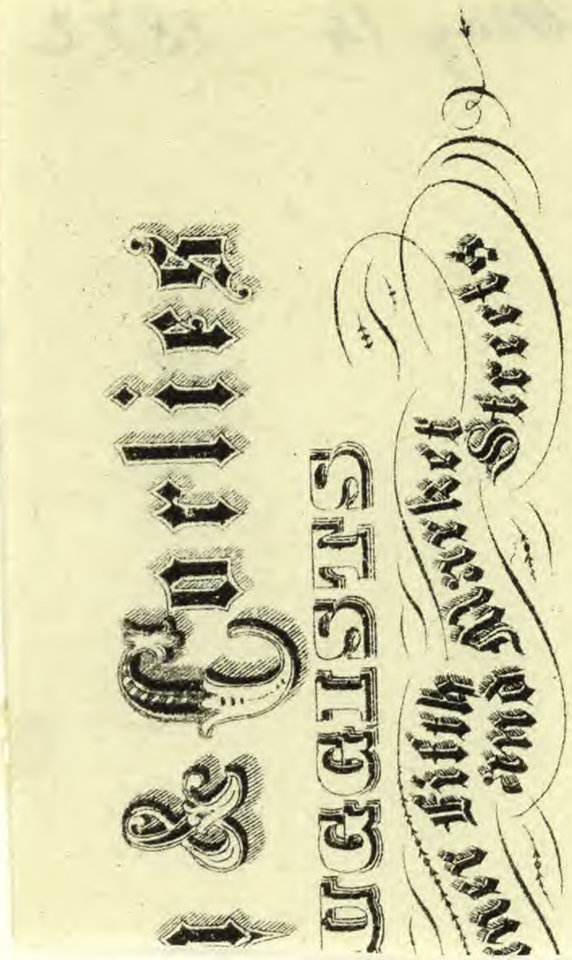
8658



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Yucca angustifolia

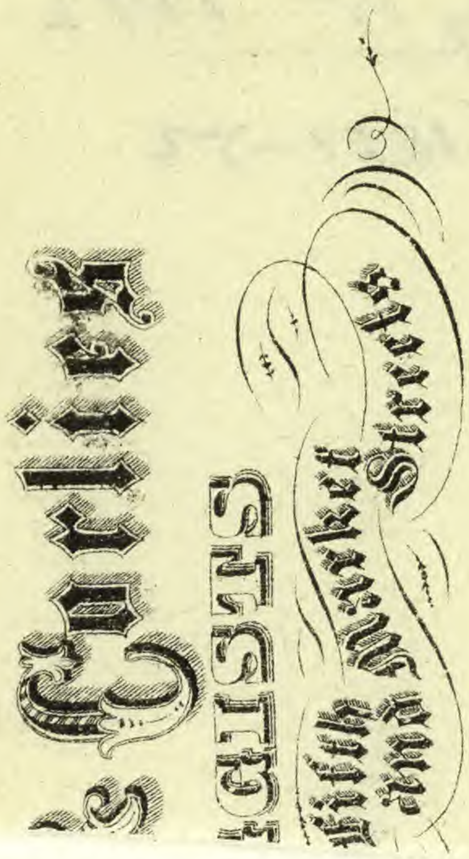
N Mexico Wright 1910

May 15 1872

(1851-52

x 150

8659



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18 *J. augustifolia* ("latifol") May 14 1872

By Bank of Missouri, "foliis latioribus" 1852

×150

seed pegue

adds small very much

tomentum petal ÷

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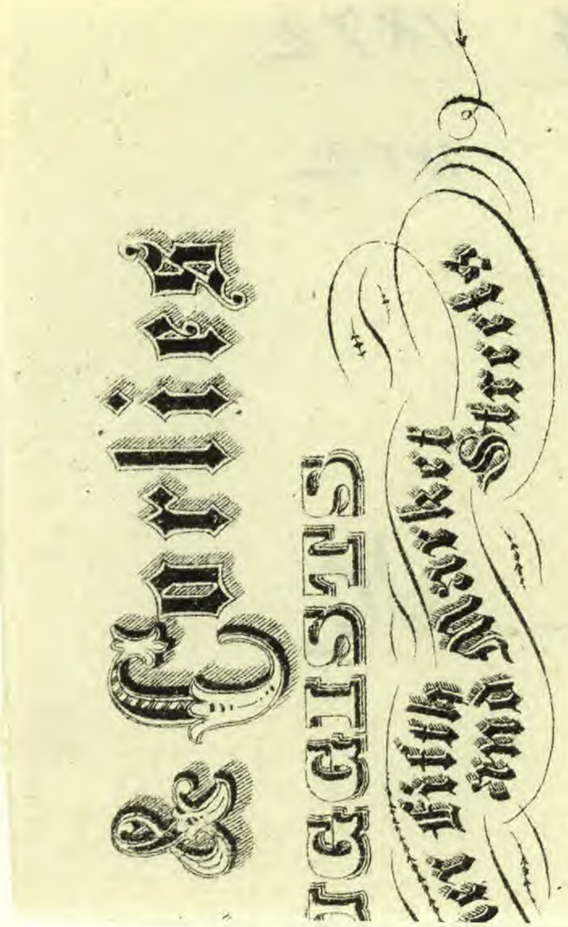

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19 *Y. aequifolii* May 14 1872

Camp Lincoln - (Arizona ?) Dr Palmer 1866 (?)

× 150

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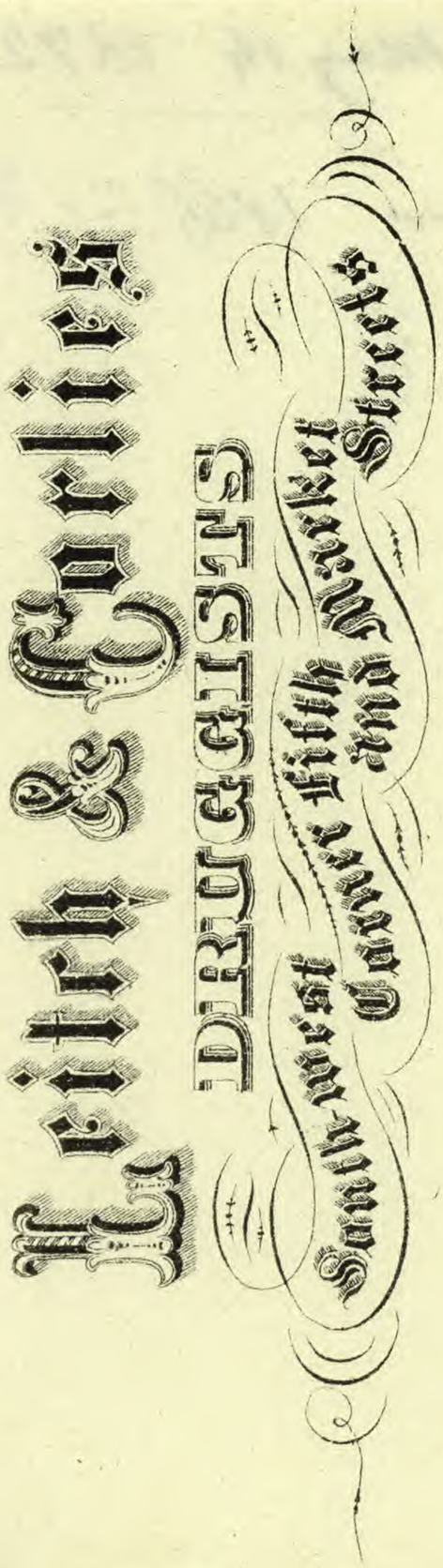

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Y. angustifolia H.B. Missouri
(the paler variety)

29 May 1872

stigma green

× 2

effete

anthers × 10

same soaked

anther from bud

ovules of bud × 30

Pollen × 415

0.25 mm

ovules × 30 of flower 15 hours after opening

0.31 mm

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90/23/28

0,25/0,31

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Smith & Griffiths
DRUGGISTS
Southwest Fifth Market and Olive Streets

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Stigma of Yucca angustifolia
H O Nelson

May 29 1872

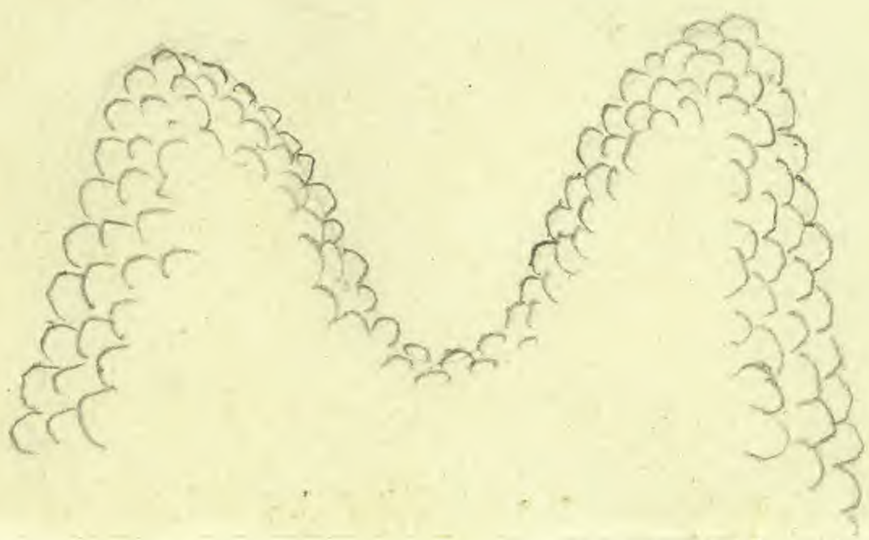
bud

X150

, paler variety

small papillae of stigma (inside) in bud X150

larger papillae (outside) of stigma in bud



Stigma x 30

of mature bud

ovules in bud 0.25 mm

after Defloration 0.30 mm

Thick

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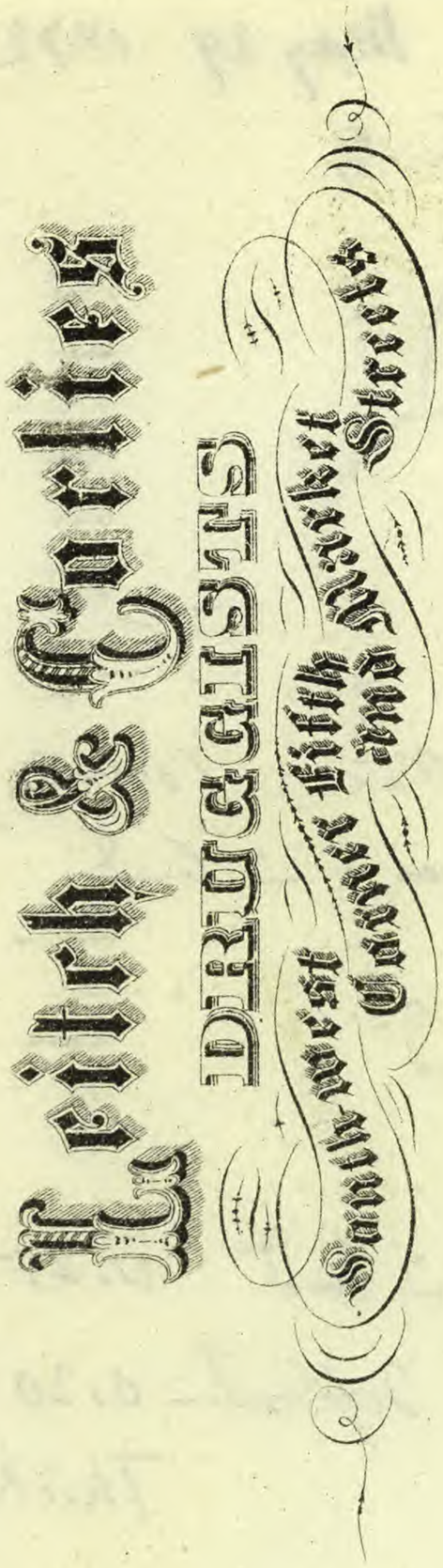

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Y. angustifolia

June 10 1872

Jan 3 1872

Pollen

×415

Atchison Co. Mo

anther ± bud

×10

×10

effete anther ranked

flowers 2 3/4 - 3 inches diam

when wide open

effete anther

×10

pistil from bud

×2

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Lilienthal & Smiley
DRUGGISTS
Southwest Fifth and Locust Streets

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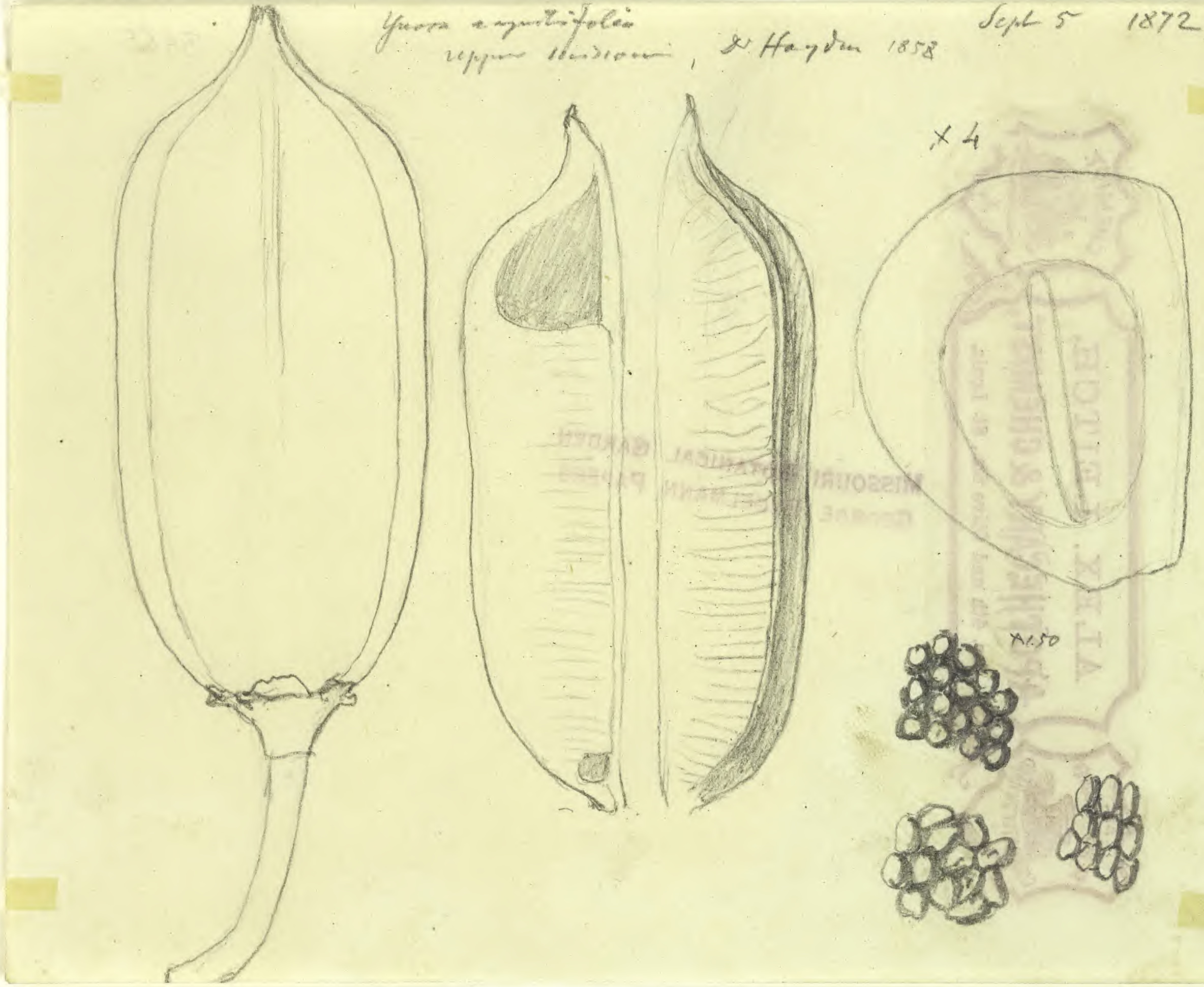
Yucca angustifolia
Upper Missouri, F. Hayden 1858

Sept 5 1872

× 4



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ALEX. LEITCH,
APOTHECARY & CHEMIST,
Cor. 4th and Olive Sts., St. Louis.
ALL THE NEW REMEDIES CONSTANTLY ON HAND
CHEMIST

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28 May 1872

Yucca angustifolia ex sem. Wilson — Hab Wilson

plant east of Pavilion
in botanical department

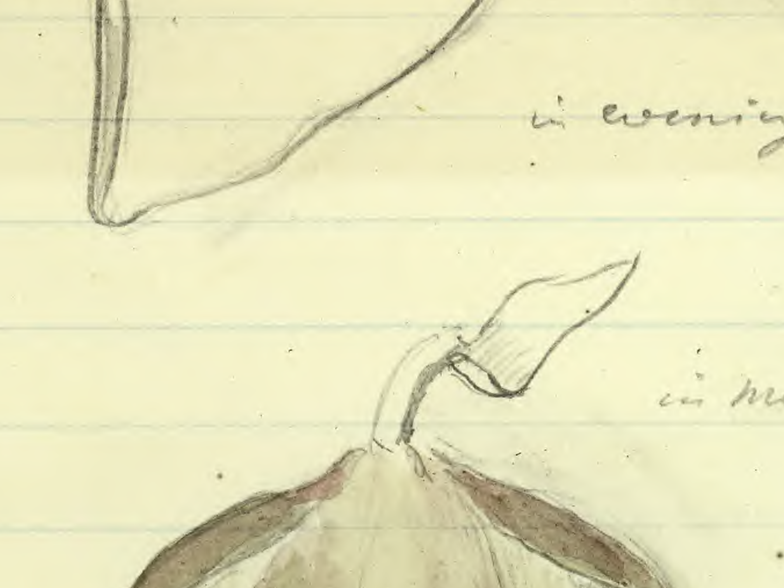
flowers greenish white inside, externally dirty
brown green, not rarely inclined to double
stamens changed into petals — rarely
spiked as the other form

Earliest Yucca — filamentosa = recurva next — then puberula

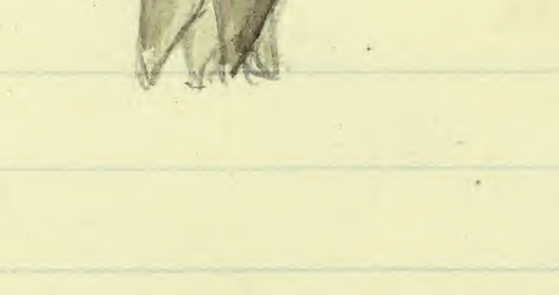
Haworth

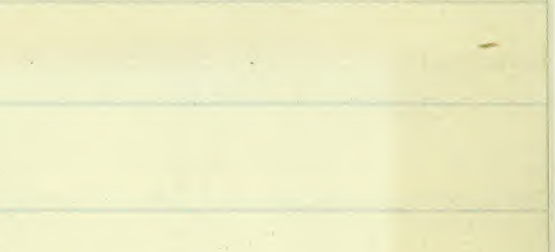
in evening

bud



in morning





double flowers with stamens
half changed into petals
or supernumerary stamens
also a filament attached to ovary
& terminating in a green papillose
stigma — shorter than the regular stigmas

sect of ovary

the two petaloid
stamens

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28 May 1872

Yucca angustifolia ex sem. Nuttall ~ H. B. Hellborn,

plant in north western part of Garden

extremely in outside & tips with greenish tinge

flowers whitish V, racemose - spiked, calyx & pedicels short

subercect branches, ~ wide flowers

often fascicled (stunted branches)

2 or 3 together, expands night

width of largest flowers spread out 142 mm = 5 2/3 inches

exterior calyx 27 - 36 mm wide " 57 - 67 mm long

interior calyx 33 - 40 " " 56 - 70 " "

filaments petaloid V. short not exactly reversed.

spreading

scape 3/4 - 5 feet high, only lowest part between the leaves, say about 3/4 of scape without flowers

leaves about 3 feet long. 4 - 5 lines wide

Stigma always green, Such is also noticed by Haworth Revis pl succ. 1821 p. 34 " stigmata robustissima viridia confluentia

Haworth Revis (1821) p 34 notices the green stigmata

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Rec'd Jan 11 84

Omaha Jan 9th 1870

Dr Engelmann
St Louis.

Dear Sir

Mr Hoopes kindly referred me to you as authority in regard to some of the Coniferae of the Rocky Mountains of which he was not entirely certain. Will you do me the favor to give the variety Enclosed. And also please state if there is any work which gives all the Coniferae of the mountain regions West of here. I saw last

8668

Yucca angustifolia = H. Torrey

Santa Fe, June 1st 1849 Dr Gerard - stout raceme, many flowered
no leaves.

Santa Fe, Fendler 1847 № 850 poor specimen

New Mexico Wright 1851-52 № 1911 same as Fendler's leaves
16-18 inches very fibrous
stigmata = Santa Fe Mountains

Fremont, Smoky Hill Fork 1845 № 438 young plants with very
narrow leaves 6 inches long

Yucca glauca pallida, rigidissima pauca, pericarpio
ovato basi filamentosi

Wright Mexico 1851-52 № 1910 (retained on leaf)
leaves 8 inches long, 2-3 lines wide, flowers
like Fendler's, large with broad ovate petals
Sandhills near El Paso de Bizcocho May 27 1852
has the same leaf but flowers smaller
petals narrower — retained a flower - stigmata
3 fingered Dec 23 1871

Dr Gregg, San Pablo, April 30 1847.

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Th. Meehan July 4th 1881

— — — there is no doubt about the new Yucca being a day-opener. The flowers at 4 A.M. are as nearly flat as an Opuntia in the sun, only the segments incurve at the edges, saucer-like. They are thicker than in Y. gloriosa, polished and shining ~~both open to day~~

June 11th

Leaves of the new Utah Yucca much longer, nearly narrower; flowers scattered on stem (in Y. angustifolia very dense); both opened to day June 21st

Y. angustifolia has slender pedicels, perianth longer than wide, segments papery, rugose — open nocturnal, typical

The new Yucca has very thick pedicels, perianth rotate-diurnal, segments almost orbicular, smooth, thick, shining.

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cm 0 1 2 3 4 5 6 7 8 9 10
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March 1. 22 96 n, SC2 SE2 11.10

6698

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